

FIG.1A

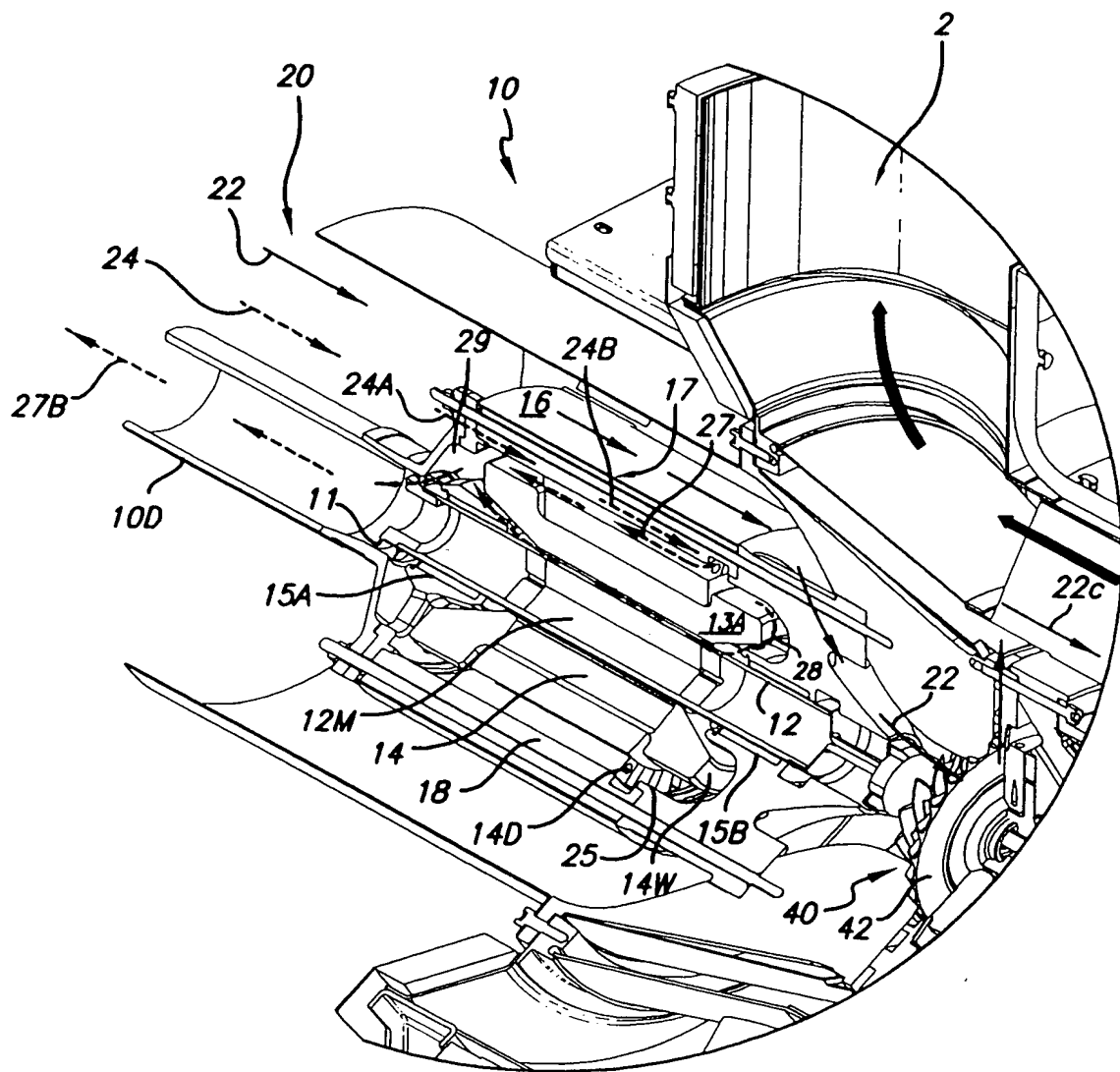


FIG. 1B

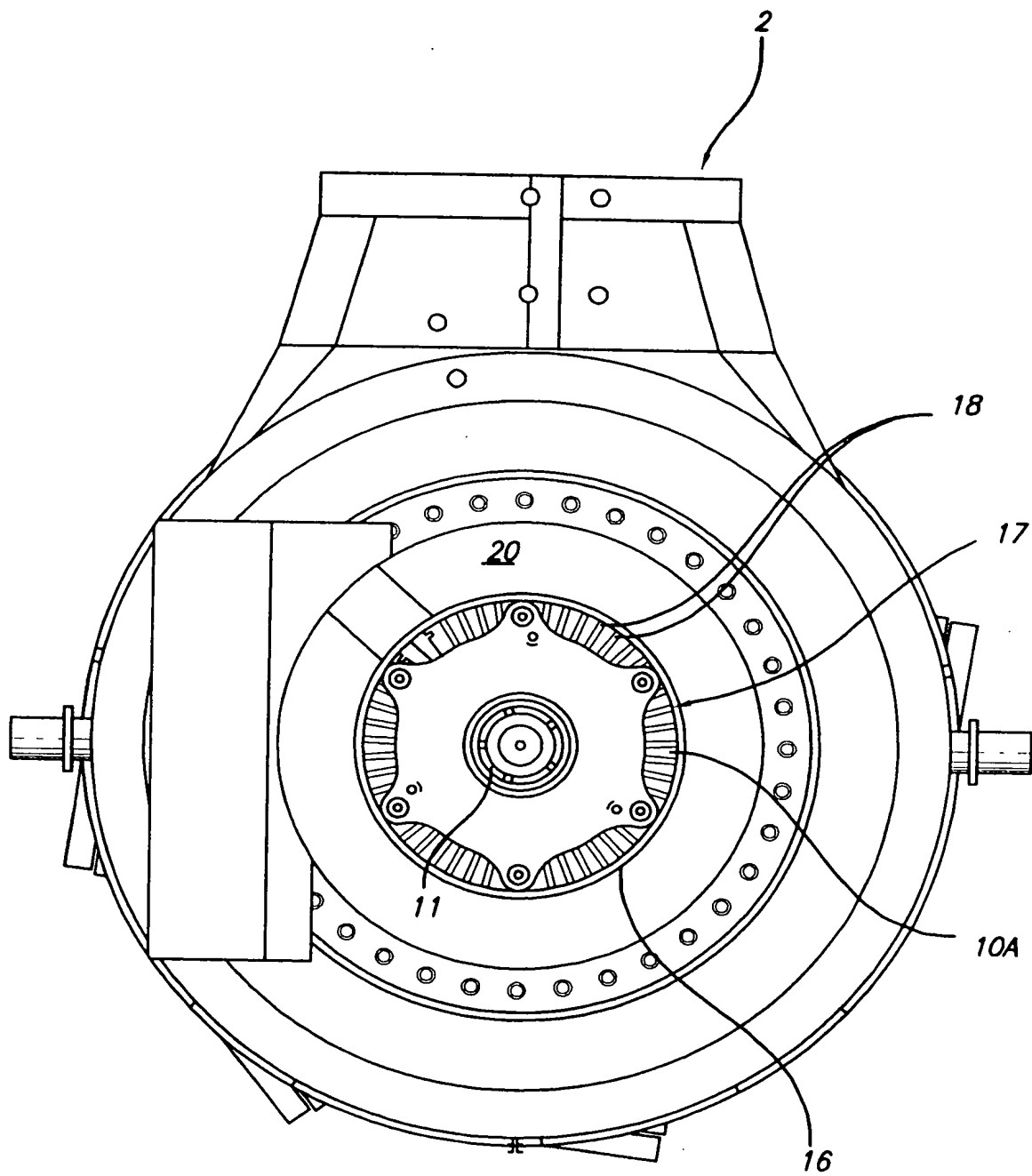


FIG. 1C

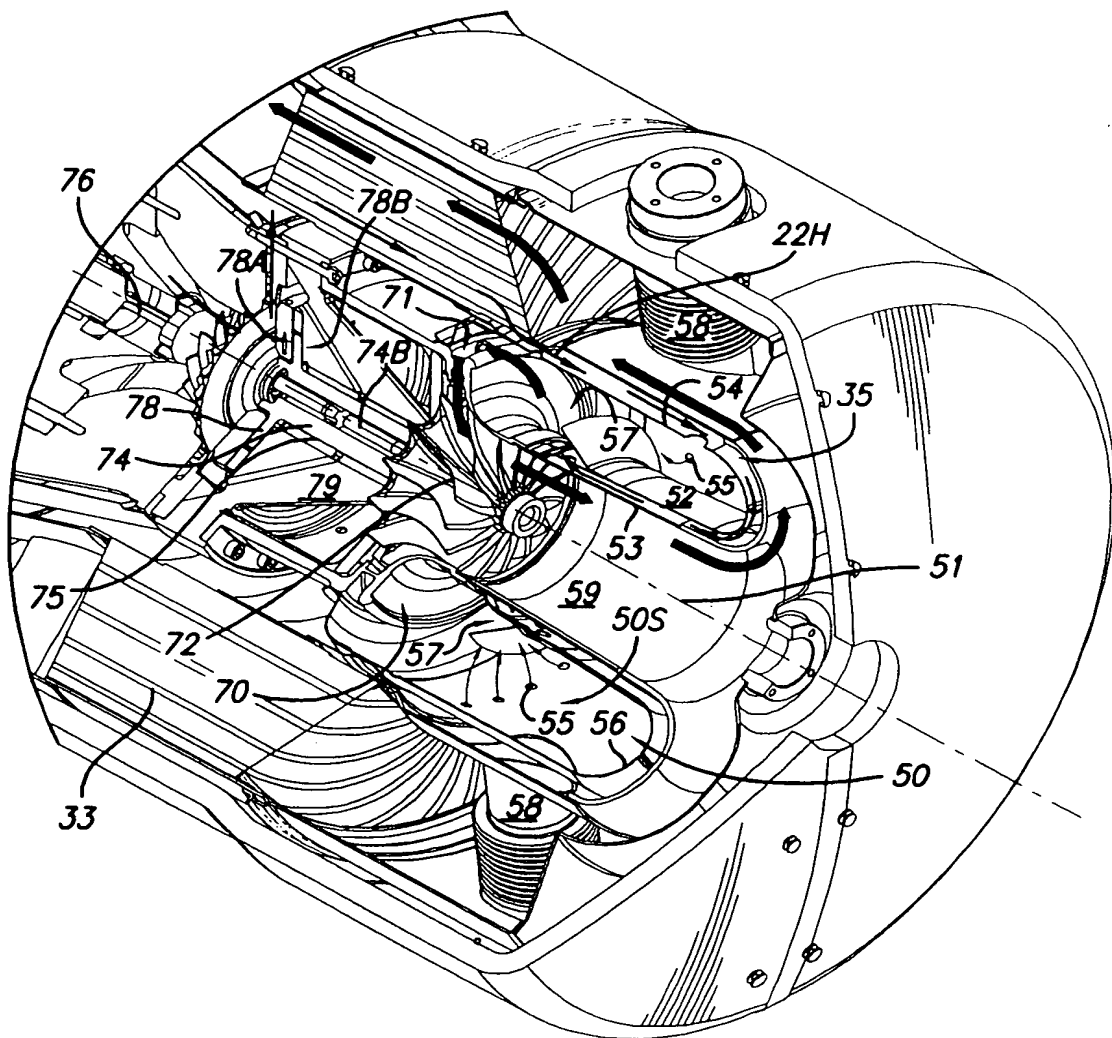


FIG.1D

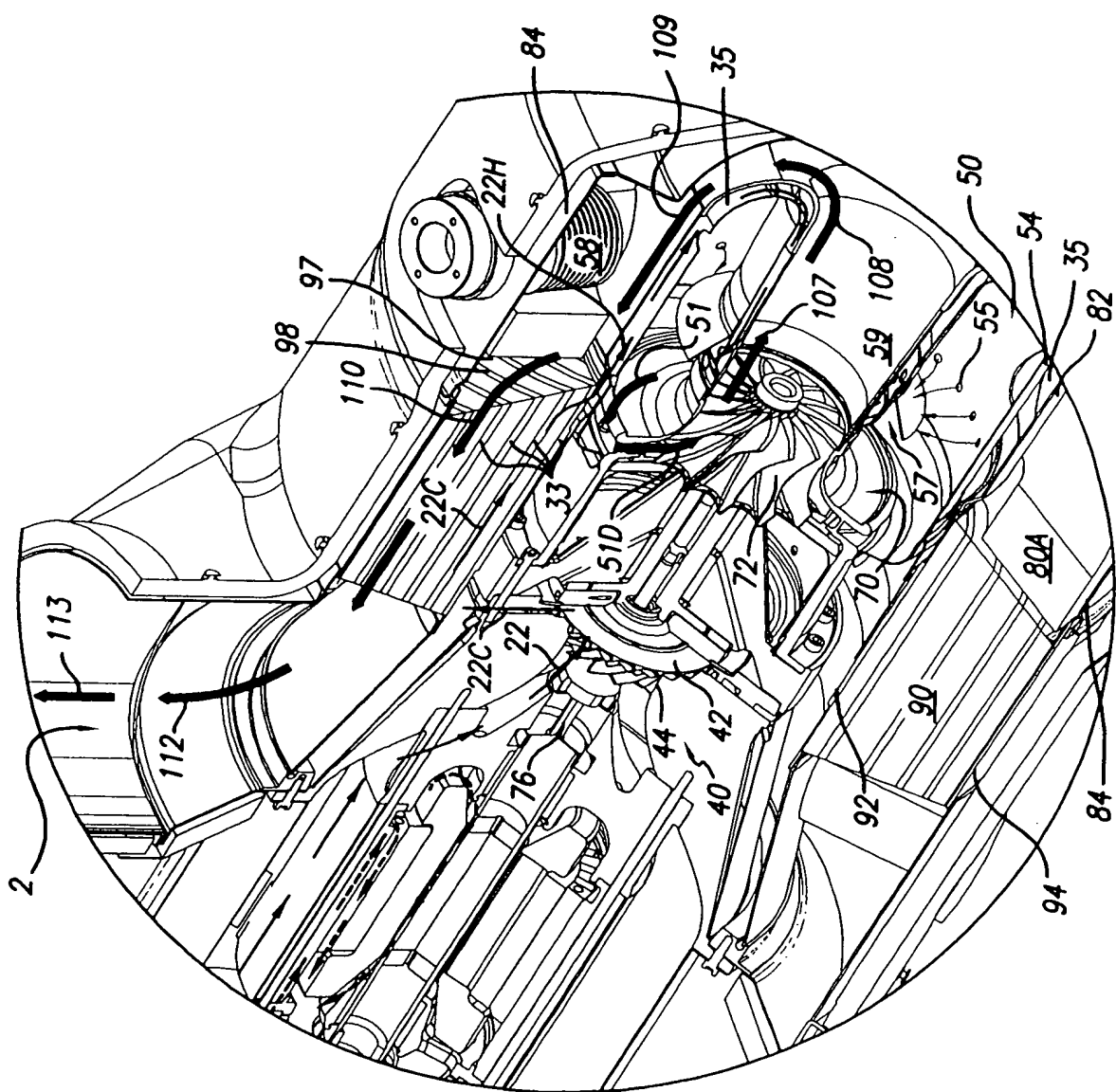
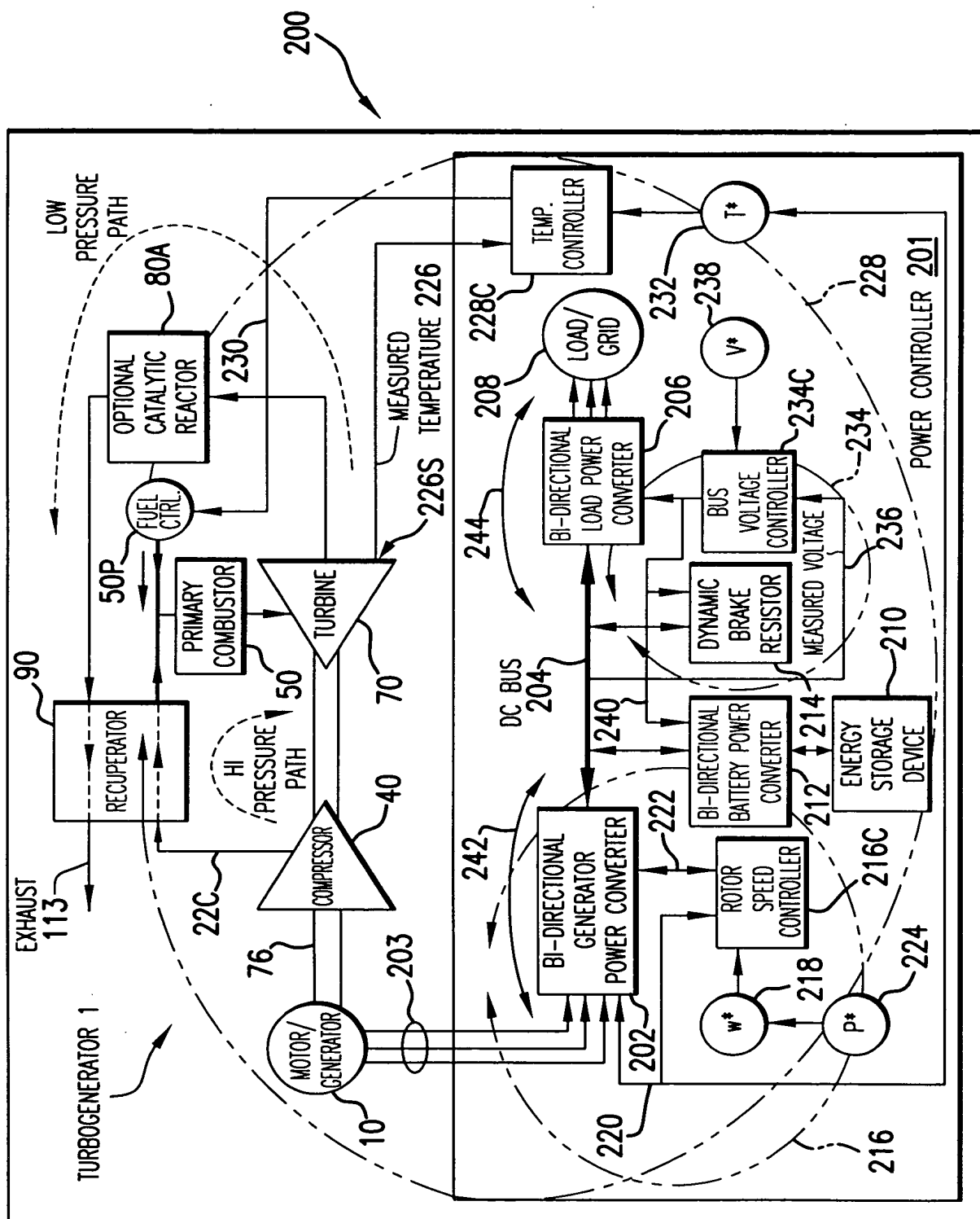


FIG. 1E



**FIG. 2**

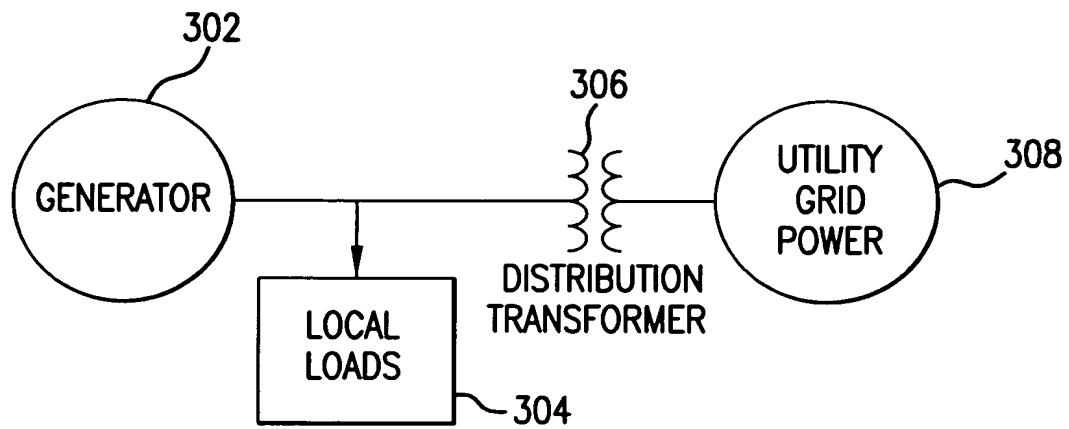


FIG.3

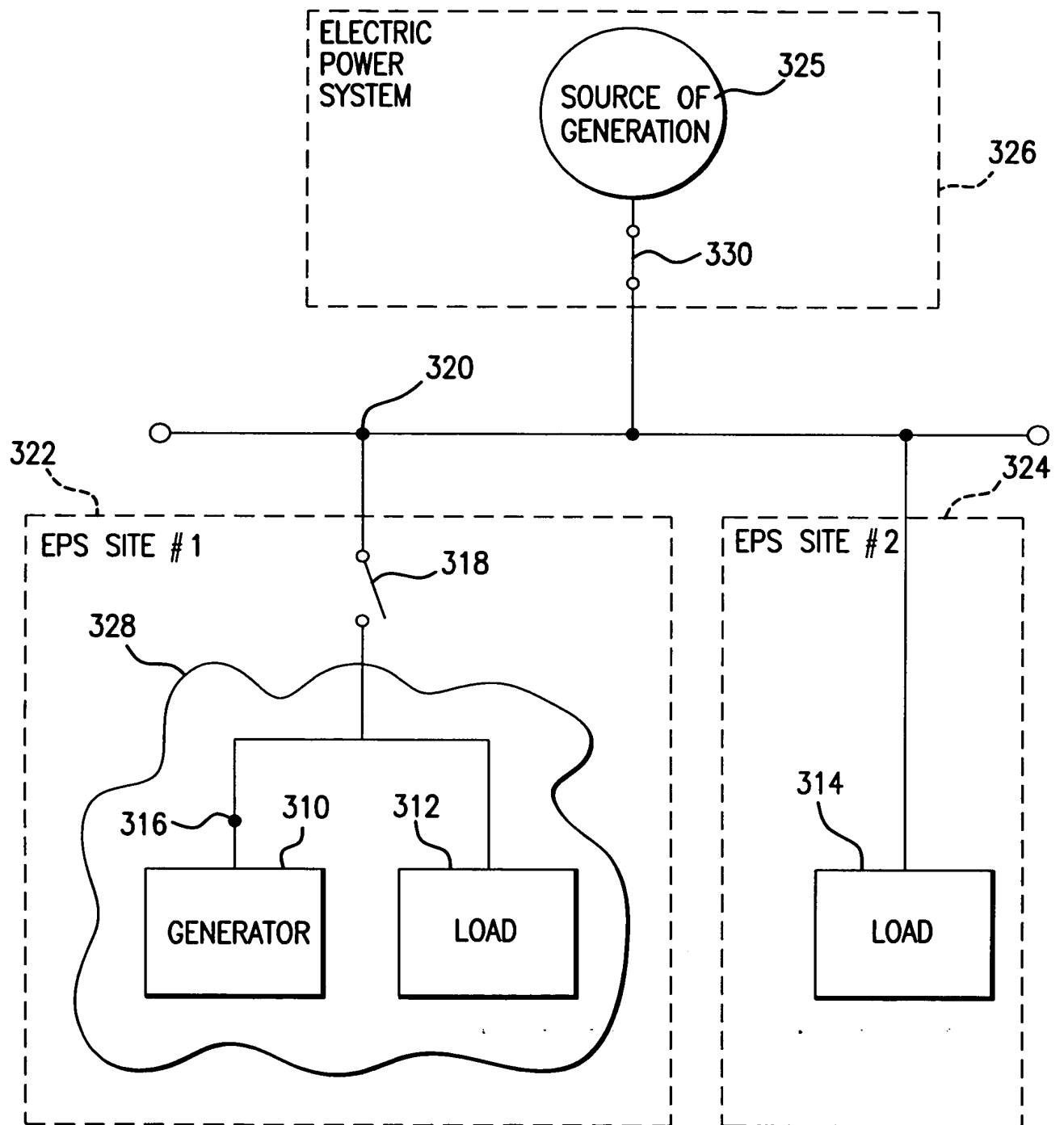


FIG.4



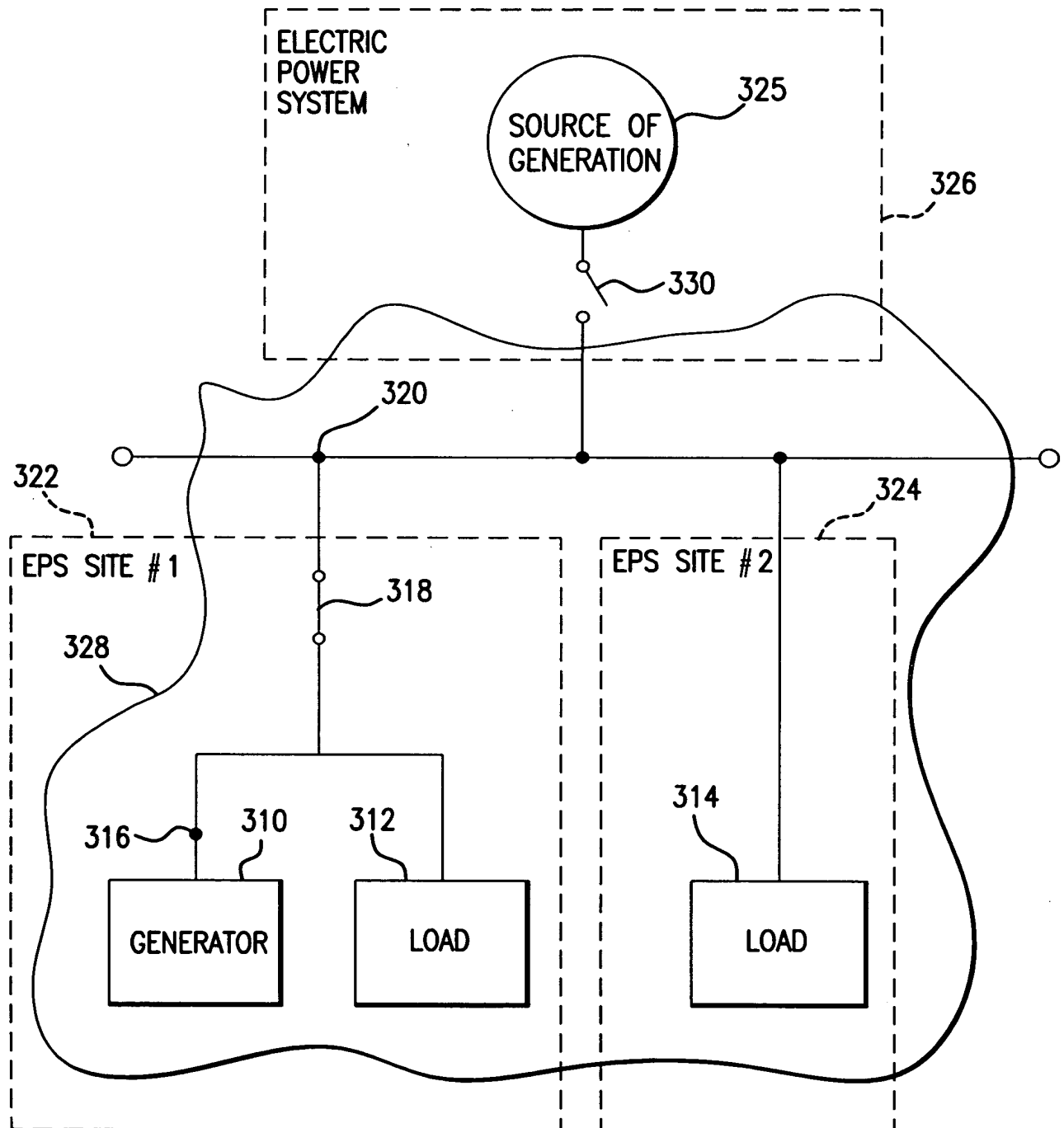


FIG.5

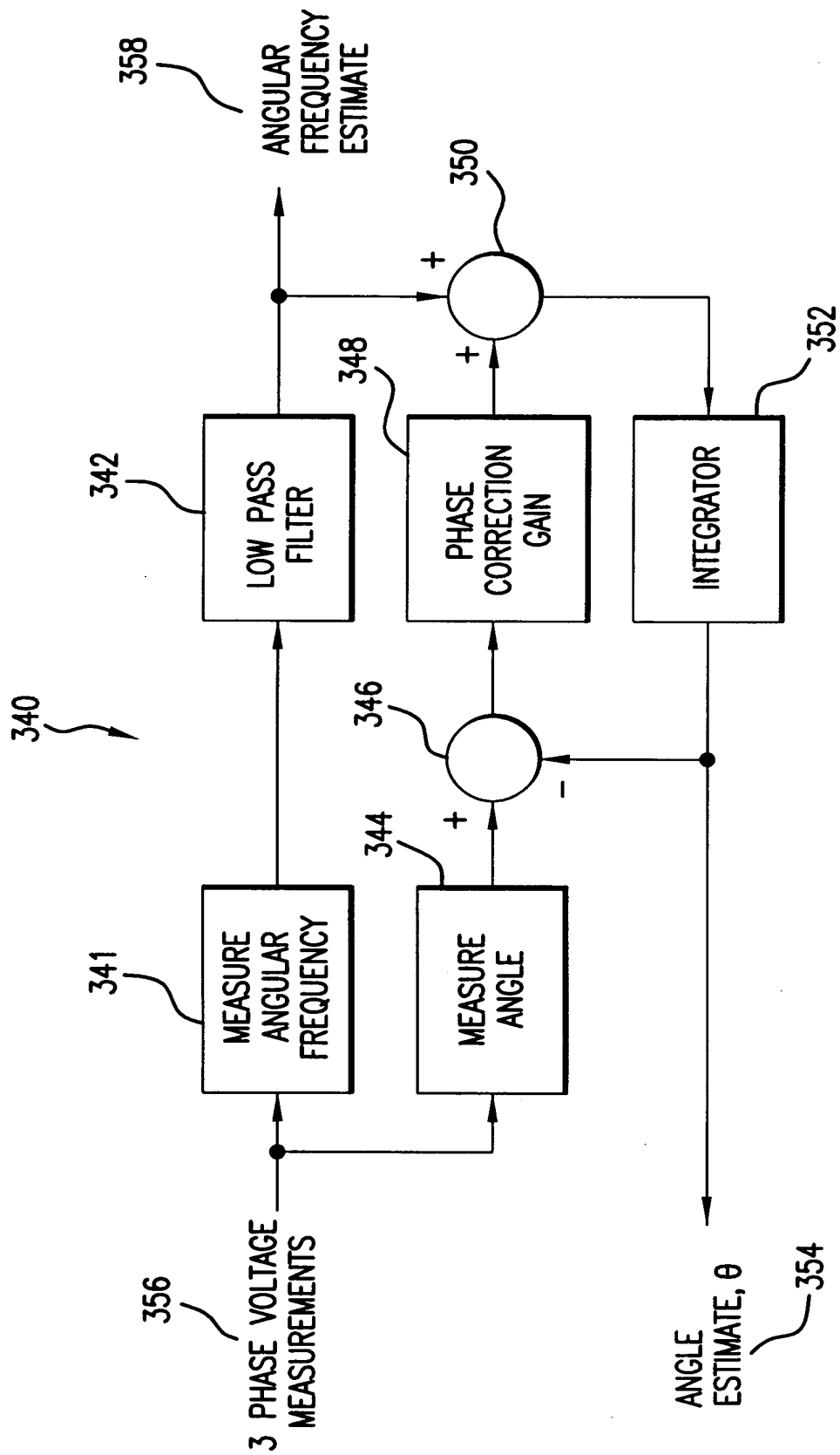
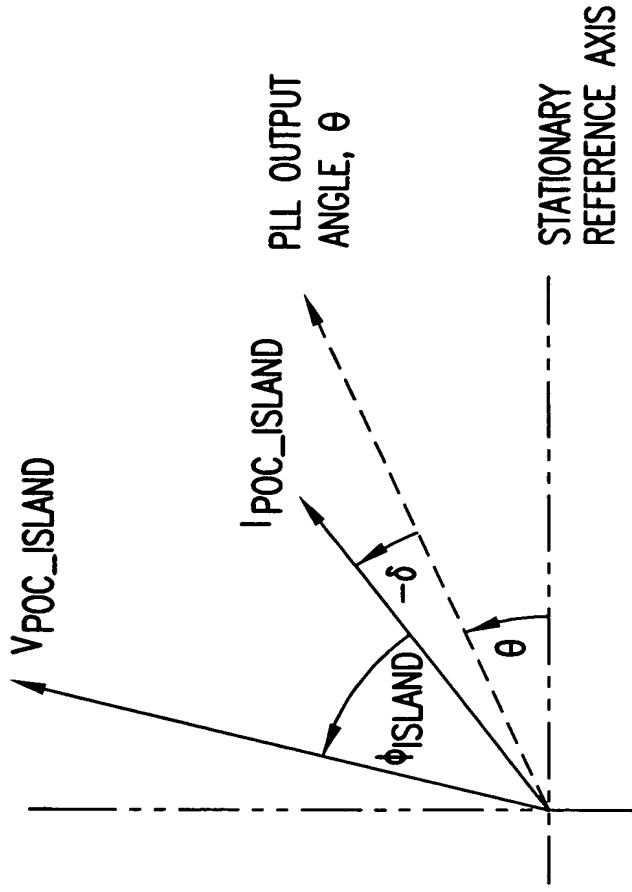


FIG.6



$I_{POC\_ISLAND}$	ISLANDED DR GENERATOR CURRENT MAGNITUDE AT THE POC (A)
$V_{POC\_ISLAND}$	ISLANDED VOLTAGE MAGNITUDE AT THE POC (V)
$Z_{ISLAND}$	IMPEDANCE MAGNITUDE OF THE ISLAND LOOKING INTO THE POC ( $\Omega$ )
$\phi_{ISLAND}$	IMPEDANCE PHASE-ANGLE OF THE ISLAND LOOKING INTO THE POC (RADIAN)
$P_{DRG}$	DEMANDED REAL POWER OUTPUT OF THE DR GENERATOR (W)
$Q_{DRG}$	DEMANDED REACTIVE POWER OUTPUT OF THE DR GENERATOR (LAGGING IS POSITIVE) (VAR)
$\theta$	ANGLE OUTPUT FROM THE PLL (RADIAN)
$\delta$	DEMANDED CURRENT PHASE ANGLE, $\delta = \tan^{-1}(Q_{DRG}/P_{DRG})$ (RADIAN)

FIG.7

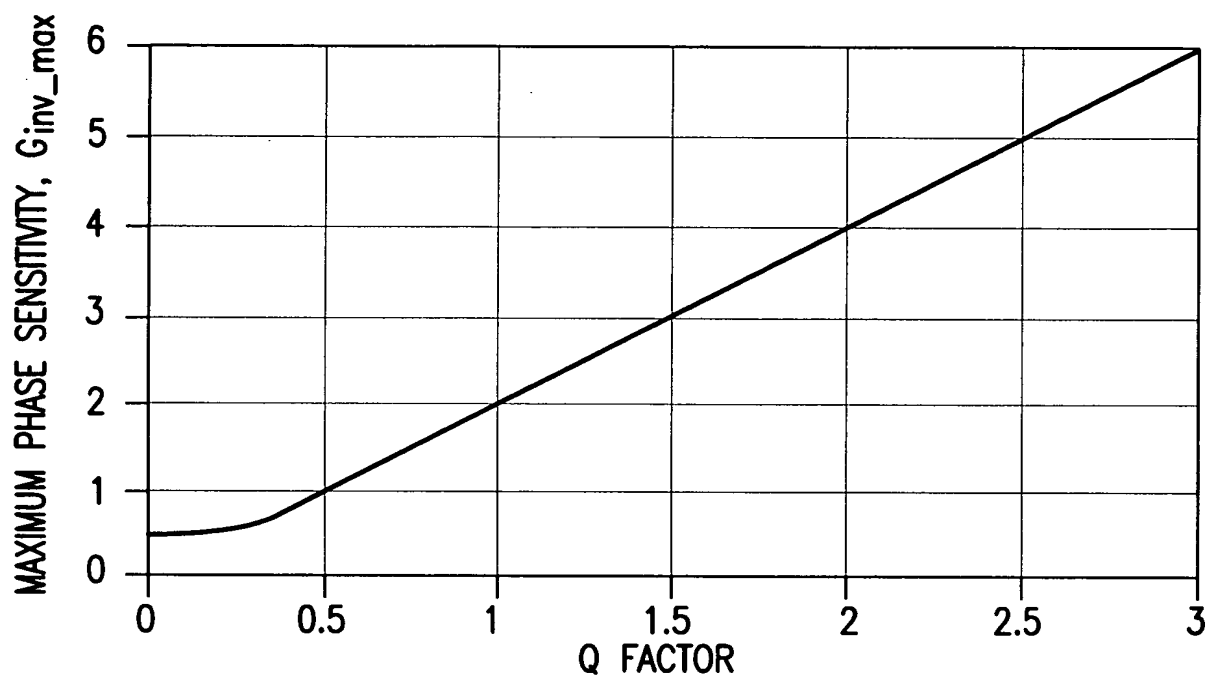


FIG.8

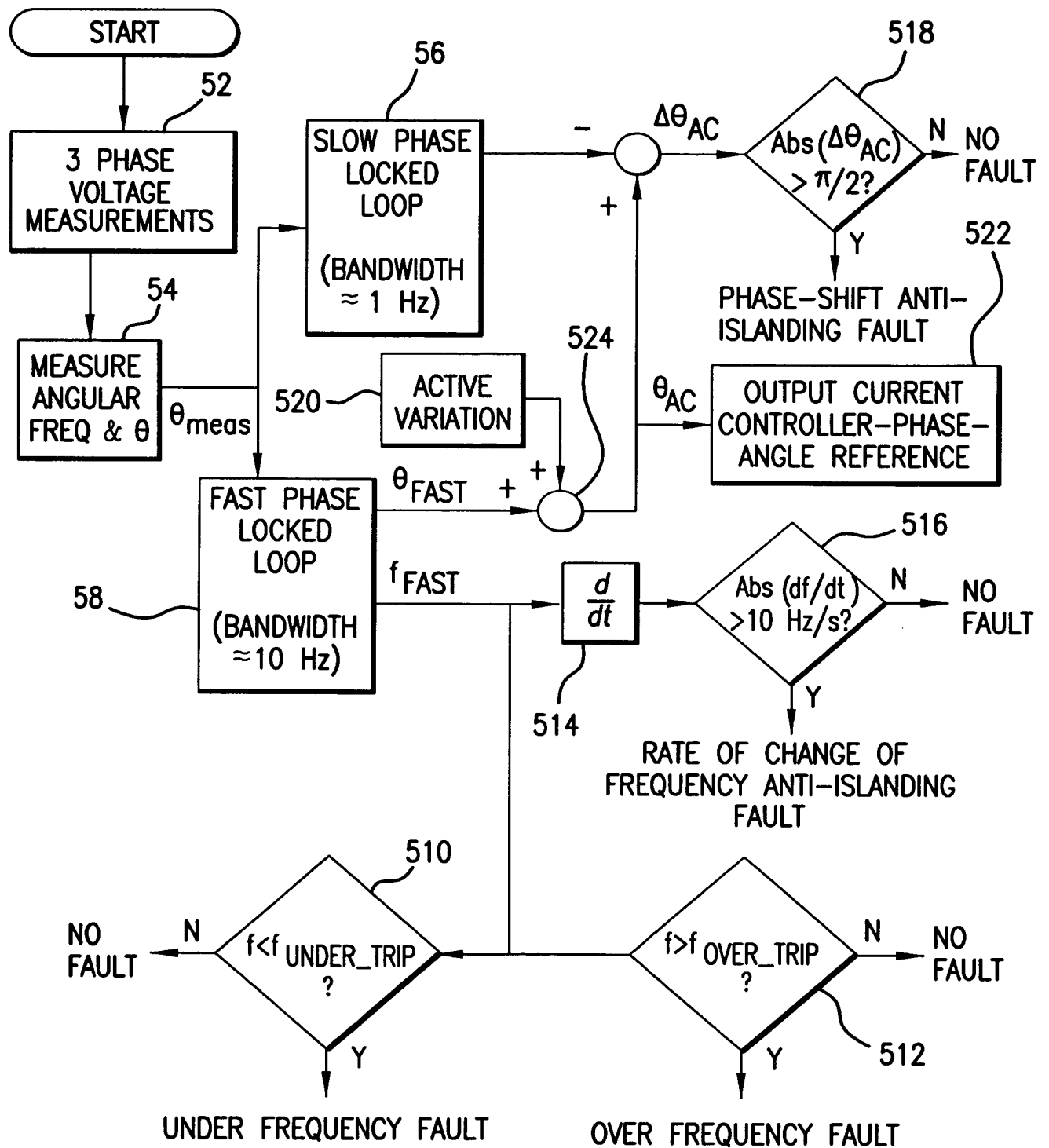


FIG.9A

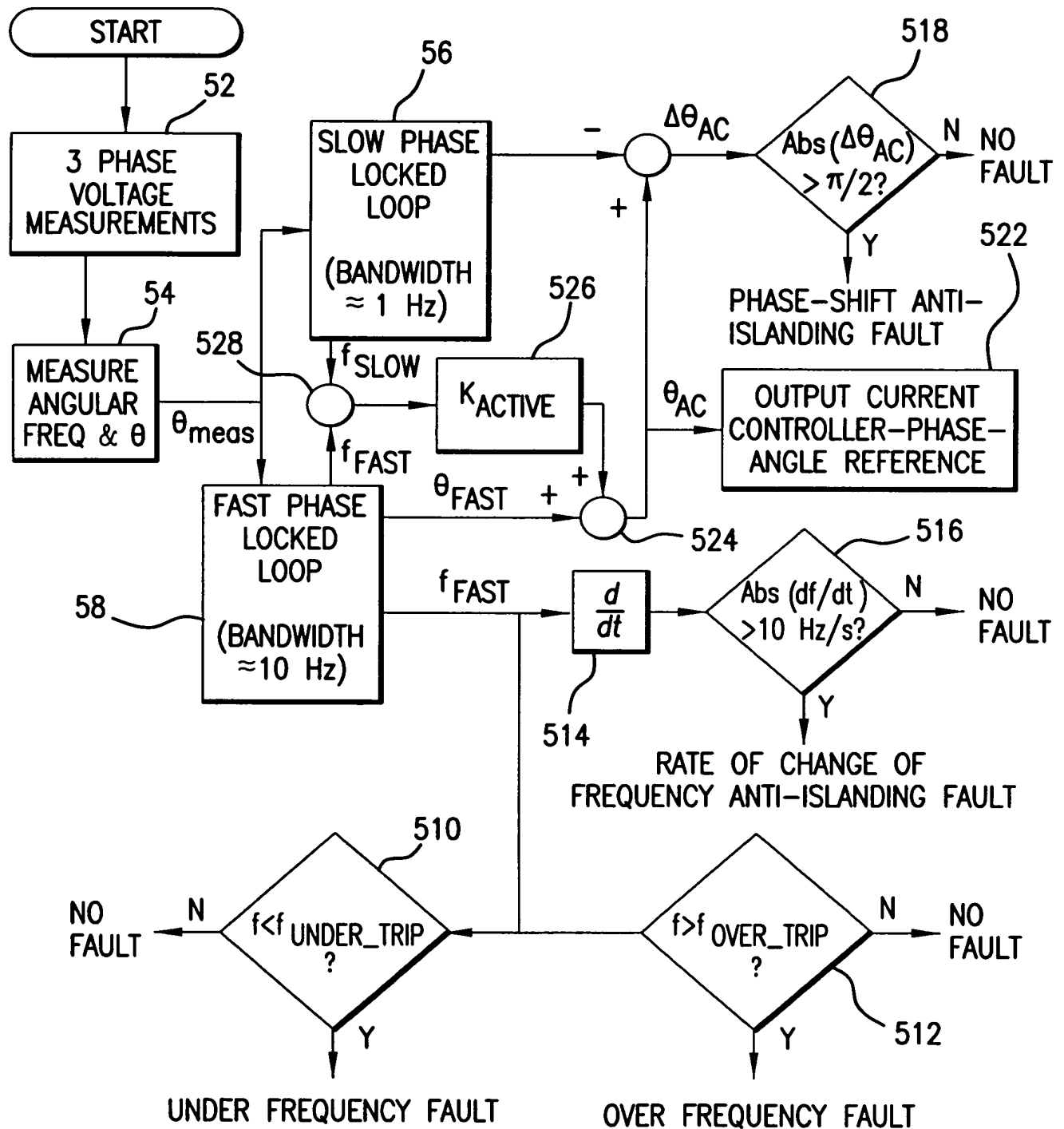


FIG.9B

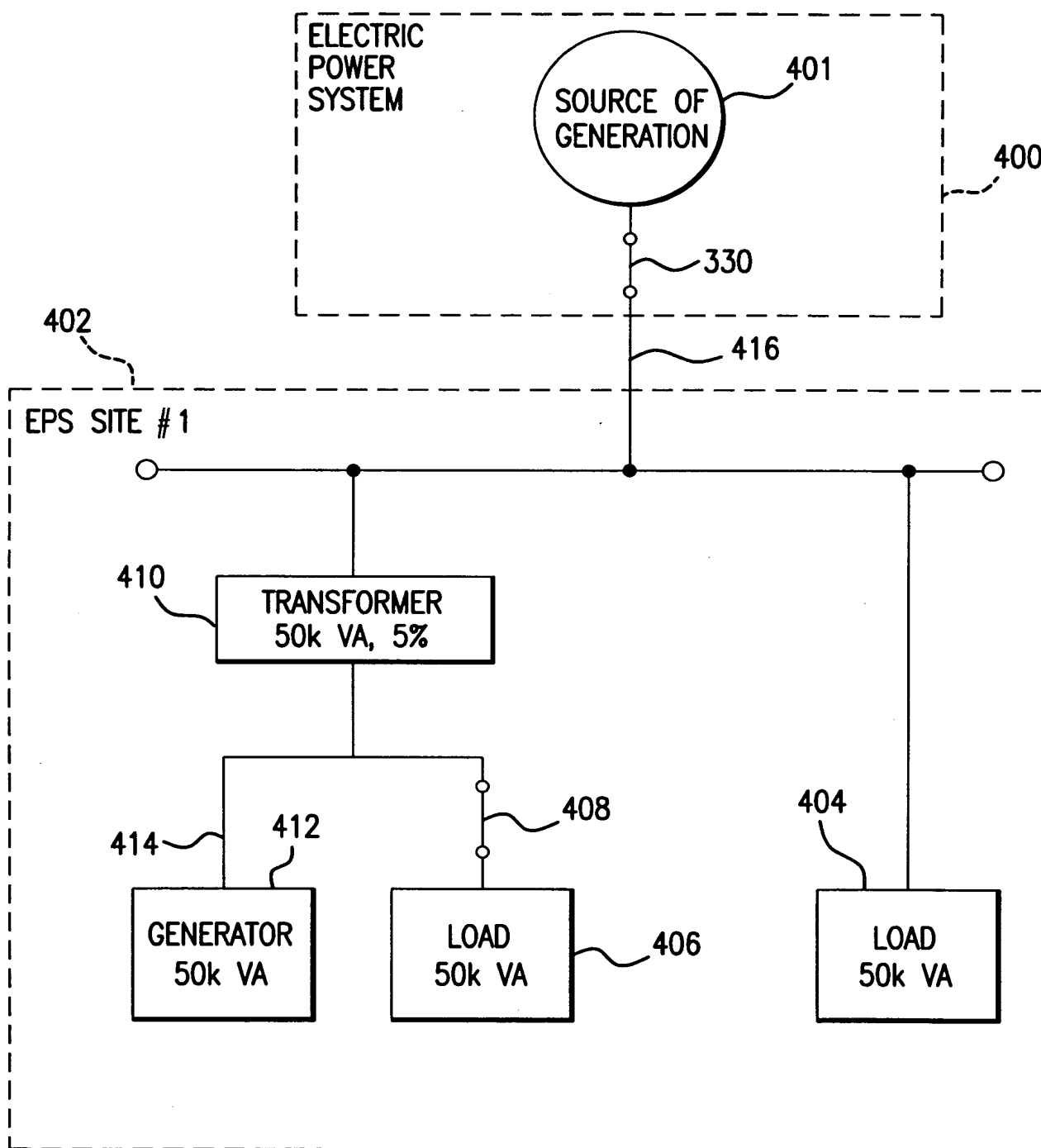


FIG.10